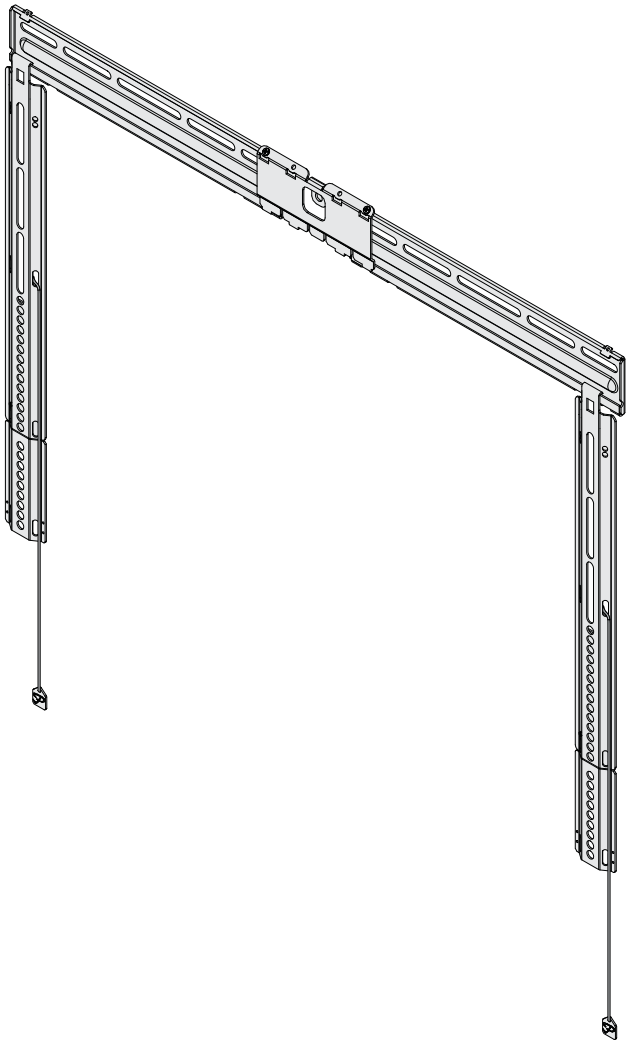
PREMIER MOUNTS®
The original holding company™

INSTALLATION INSTRUCTIONS



PTFM3765

Universal Ultra Low Profile Flat Mount for 37″ to 65″ Flat Panels
with ProPack Mounting Hardware

NORTH AMERICA	EUROPE	AUSTRALIA AND OCEANIA
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Weight Limit

Maximum Flat Panel Weight: 100 lbs.

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE FLAT PANEL. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED.

Warning Statements

PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS MUST BE READ AND COMPLETELY UNDERSTOOD. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

STOP

PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN MUST BE FOLLOWED, AS OUTLINED IN THESE INSTALLATION INSTRUCTIONS. FAILURE TO DO SO COULD RESULT IN PROPERTY DAMAGE, SERIOUS PERSONAL INJURY, OR EVEN DEATH.

STOP

SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE ASSEMBLY OF THIS PRODUCT. USE PROPER SAFETY EQUIPMENT AND TOOLS FOR THE ASSEMBLY PROCEDURE TO PREVENT PERSONAL INJURY.

STOP

PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling the flat panel.

If mounting to wall studs or ceiling studs, make sure that the mounting screws are anchored into the center of the wall studs or ceiling studs. Use of an edge-to-edge stud finder is recommended.

It is recommended that a maximum of ⅝″ plaster board be used when mounting to wooden studs.

Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall. Cutting or drilling into an electrical line may cause serious personal injury.

Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.

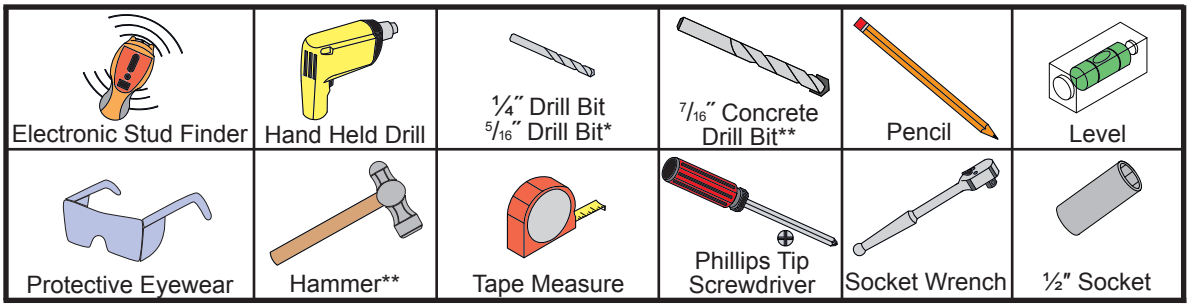
This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.

Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.

Contact Premier Mounts with any questions:
(800) 368-9700
techsupport@mounts.com

Installation Tools

The following tools may be required, dependent upon your particular installation. These tools are not provided by Premier Mounts, but you can purchase them at your local hardware store.

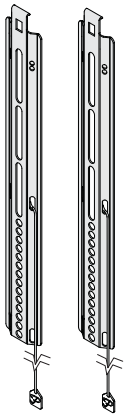


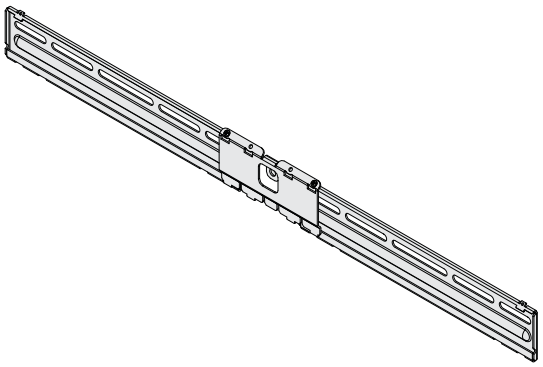
* Optional tools for steel stud installations.
** Optional tools for concrete / steel stud installations.

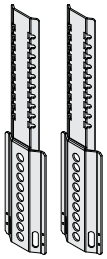
Parts List

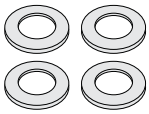
Your Premier Mounts product is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800) 368-9700.

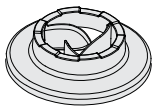
PTFM3765 Universal Ultra Low Profile Flat Mount Assembly Components

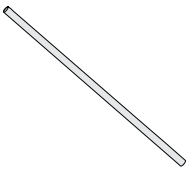

Mounting Brackets (Qty 2)


Wall Plate (Qty 1)

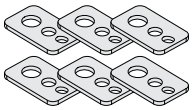

Bracket Extensions (Qty 2)


5/16″ Flat Washers (Qty 4)

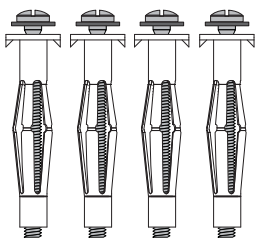

Universal Spacers (Qty 24)

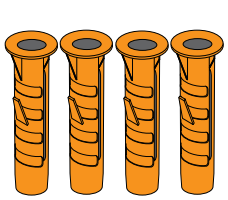

Thread Depth Indicator (Qty 1)

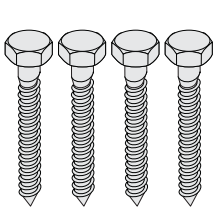
M4 x 5mm Screws (Qty 4)


Universal Washers (Qty 6)

ProPack Mounting Hardware


M6 Steel Stud Anchors (Qty 4)


7/16″ Plastic Anchors (Qty 4)

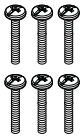

5/16″ x 3″ Lag Bolts (Qty 4)

Parts List (cont'd)

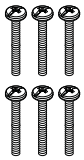
Mounting Hardware

M4 x 16mm Screw (Qty 6)

M4 x 25mm Screw (Qty 6)

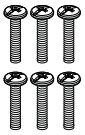


M4 x 30mm Screw (Qty 6)

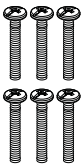


M5 x 16mm Screw (Qty 6)

M5 x 25mm Screw (Qty 6)

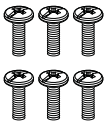


M5 x 30mm Screw (Qty 6)

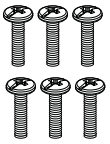


M6 x 16mm Screw (Qty 6)

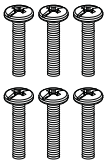
M6 x 25mm Screw (Qty 6)



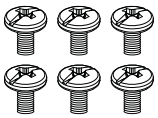
M6 x 30mm Screw (Qty 6)



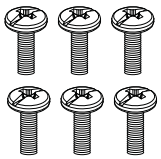
M6 x 45mm Screw (Qty 6)



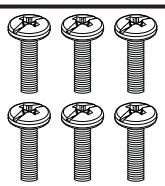
M8 x 16mm Screw (Qty 6)



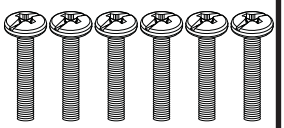
M8 x 25mm Screw (Qty 6)



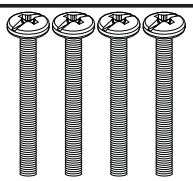
M8 x 30mm Screw (Qty 6)



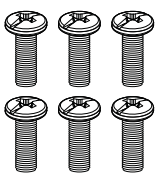
M8 x 45mm Screw (Qty 6)



M8 x 70mm Screw (Qty 4)

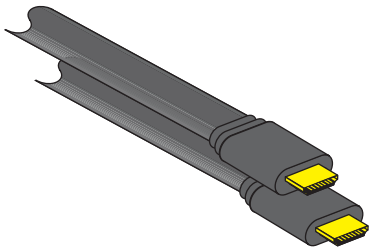


M10 x 30mm Screw (Qty 6)

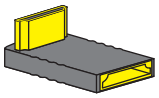


HDMI Right Angle Kit

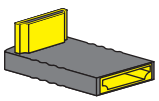
9′ HDMI Flat Cable (Qty 1)



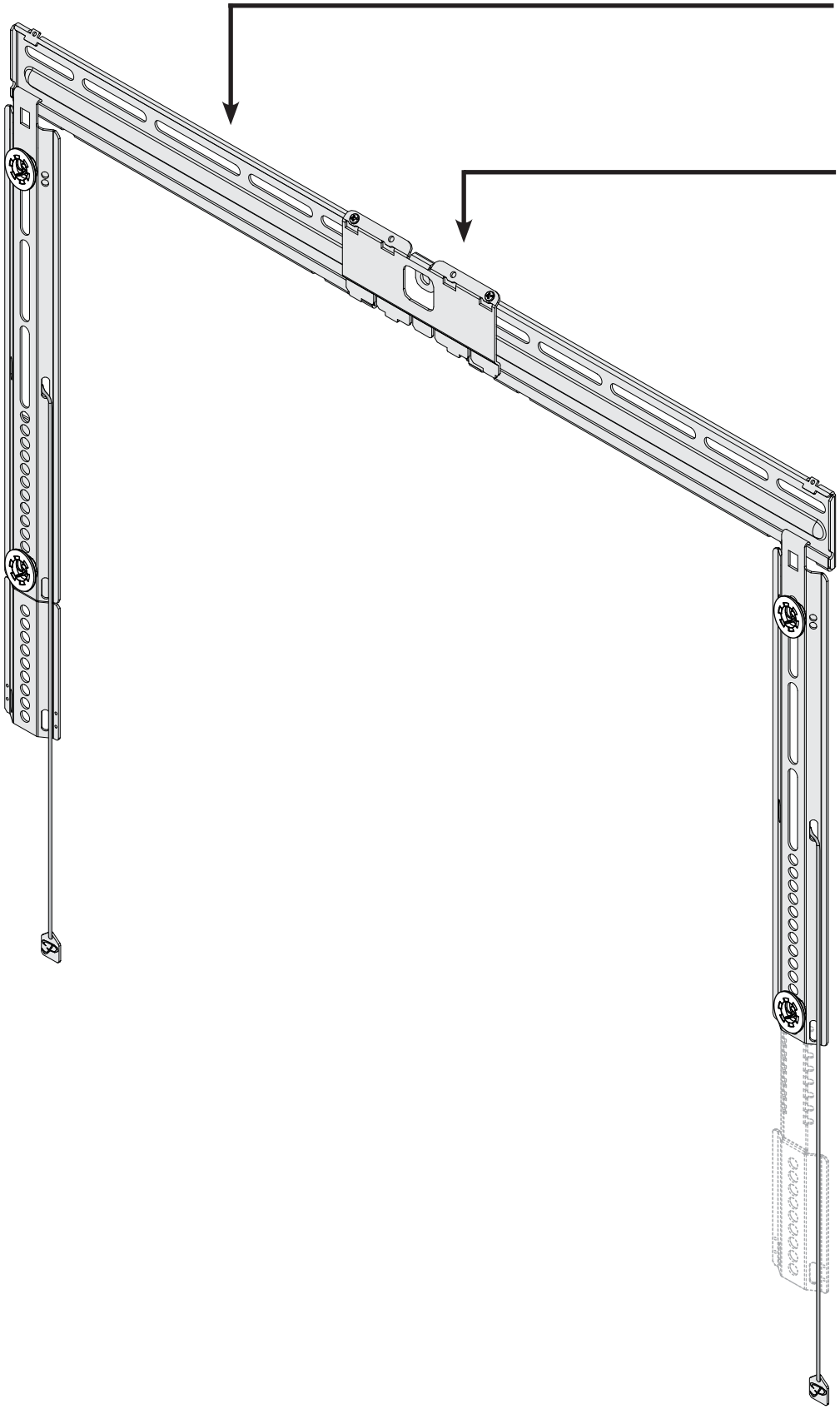
Right Angle Adapter (Qty 1)



Right Angle Adapter (Reversed) (Qty 1)



Features



Mounting Slots
Allow for a variety of stud configurations and lateral shift adjustments when mounting your flat panel.

Expandable Wall Plate
Fits flat panels from 37″ wide and expands to support up to 65″ wide flat panels.

Ultra Low Profile Design
Less than ½″ (.37″) from the wall.

Spring Loaded Safety Latch
Keeps your flat panel secure to the wall plate.

Universal Spacers
Uniquely designed spacers that fit multiple screw sizes.

Bracket Extensions
Fits larger flat panel models including 65″ flat panels.

30″ Braided Nylon Pull Cord

Pull Tab

Installing the Wall Plate

Determining the Viewing Height

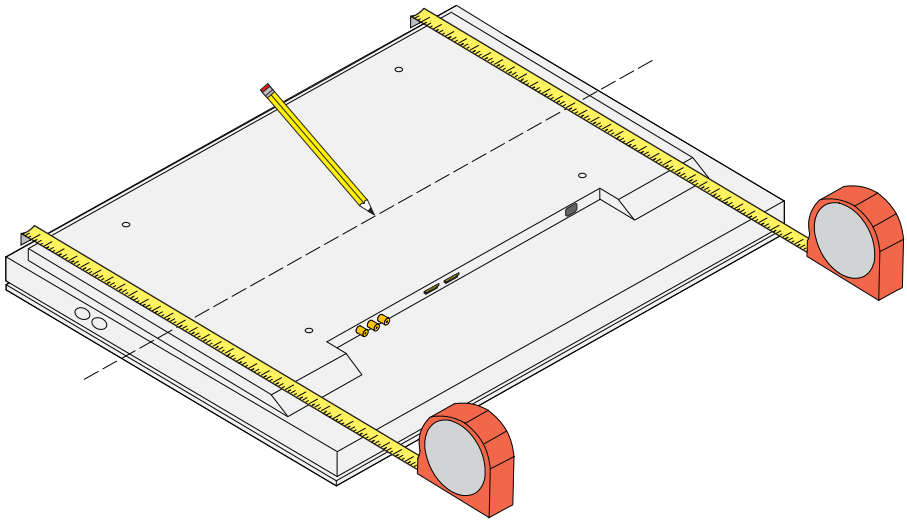
Step 1

You must establish the viewing height of your flat panel prior to installing your PTFM3765 mount. This will result in making long-term viewing of your flat panel more comfortable.

1. Place your flat panel face-down on a soft, flat surface.
2. Use a measuring tape to find the vertical center of your flat panel.

Measure from the outer-most top edge to the outer-most bottom edge.

3. Use a pencil and lightly mark the vertical center of your flat panel.



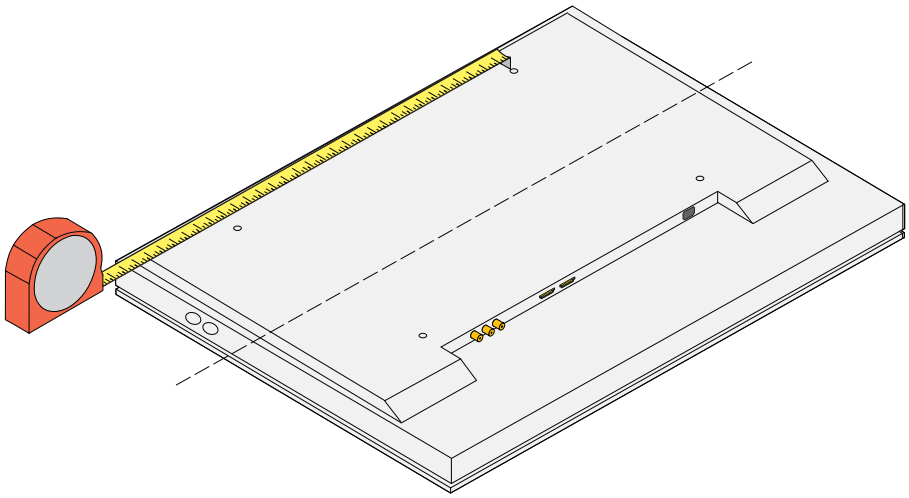
Step 2

Use a tape measure to measure the distance between the top mounting points on your flat panel.

Is the distance between the mounting points greater than 29.5"?

If **No**, skip to **Step 4**.

If **Yes**, proceed to **Step 3**.



Installing the Wall Plate (cont'd)

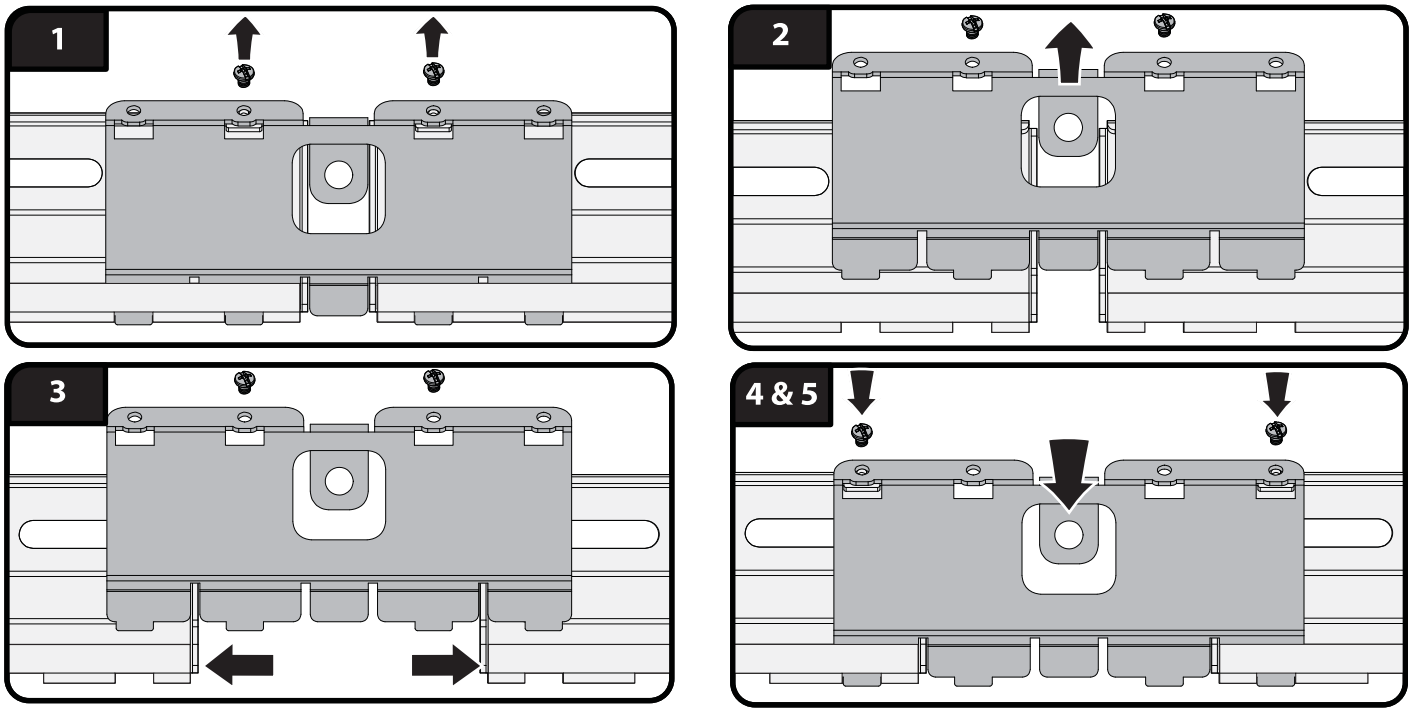
Step 3

1. Remove the two (2) M4 x 5mm screws.
2. Remove the connector plate.
3. Slide the wall plate halves apart.
4. Replace the connector plate, aligning the outer-most tabs on the connector plate with the slots in the wall plate.
5. Replace and tighten the two (2) M4 x 5mm screws.

Before installing the wall plate to the wall you must verify that:

- The tabs on the connector plate are seated in the slots in the wall plate.
- The two (2) M4 x 5mm screws are seated and tightened.

Proceed to **Step 4**.

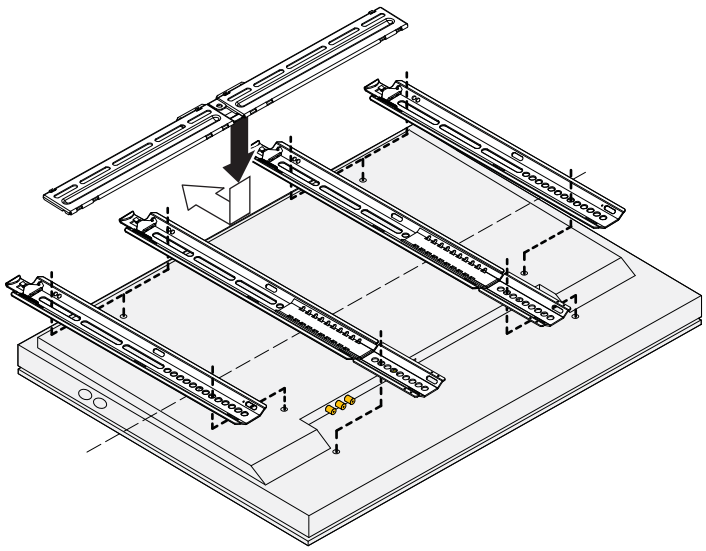


Step 4

1. Place the mounting brackets over the flat panel mounting points.
2. Connect the wall plate to the mounting brackets.

Do not install any mounting hardware at this time.

Connecting the wall plate to the mounting brackets may cause the mounting brackets to move out of position. If this occurs, move the mounting brackets back over the flat panel mounting points after you have locked in the wall plate.

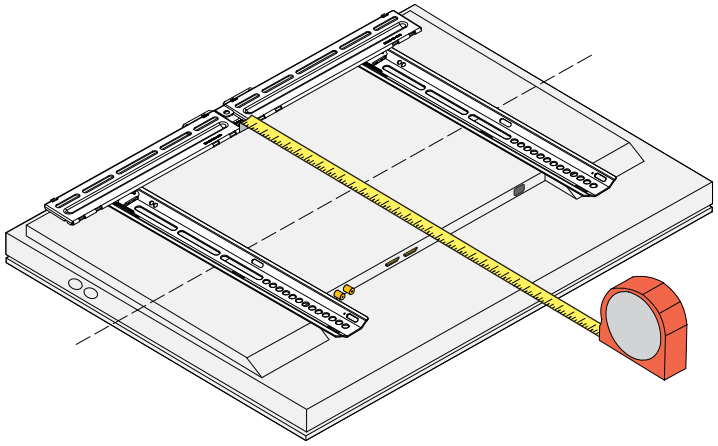


Installing the Wall Plate (cont'd)

Step 5

Use a tape measure to measure the distance from the bottom edge of the wall plate to the centerline mark on the flat panel.

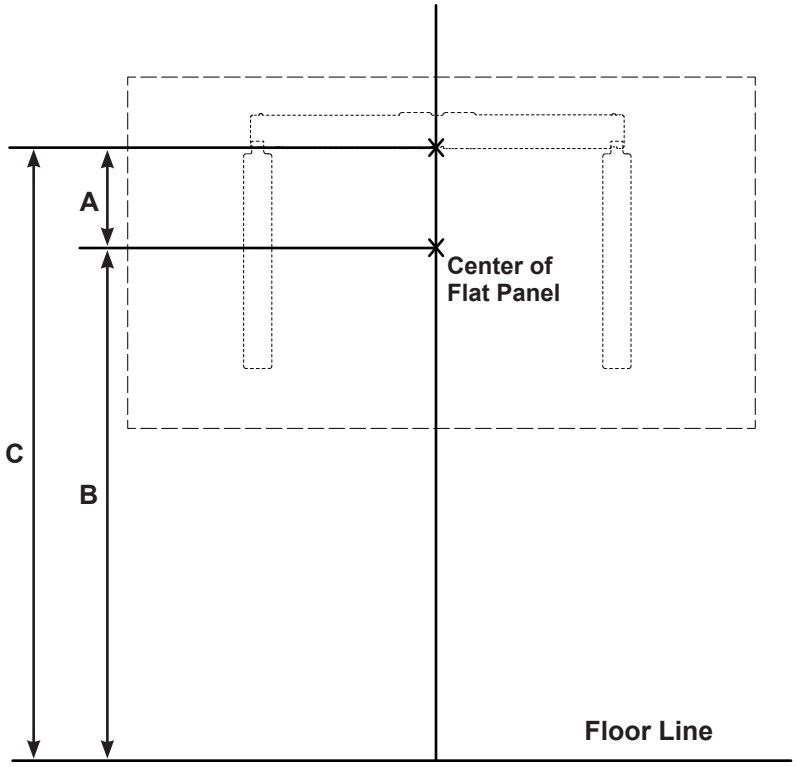
Record this measurement on a piece of paper as Distance A.



Step 6

❶ Determine whether your flat panel will be viewed from a seated or standing position.
❷ When standing or seated, identify a point on the wall in your selected viewing area that is horizontal with your eye level.
❸ Use a pencil and lightly mark the wall at the eye level point you identified in Step II.
❹ Use a tape measure to measure the distance from the floor to the mark you made at eye level. Record this measurement on a piece of paper as Distance B.
❺ Add the values for Distance A and Distance B. Record this measurement on a piece of paper as Distance C.
❻ Use a tape measure to measure Distance C on the wall.
❼ Use a pencil and lightly mark the wall at Distance C. This will be the location of the bottom of the wall plate.

Proceed to the **"Determining the Mounting Surface"** section.



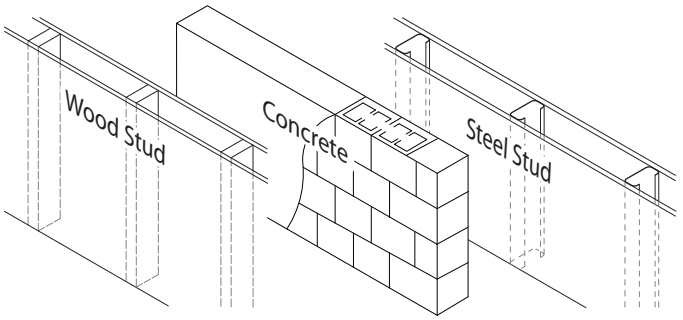
Installing the Wall Plate (cont'd)

Determining the Mounting Surface

If you will be installing your PTFM3765 mount to wood studs, proceed to the **"Wood Stud Installation"** section.

If you will be installing your PTFM3765 mount to a concrete surface, proceed to the **"Concrete Installation"** section.

If you will be installing your PTFM3765 mount to steel studs, proceed to the **"Steel Stud Installation"** section.

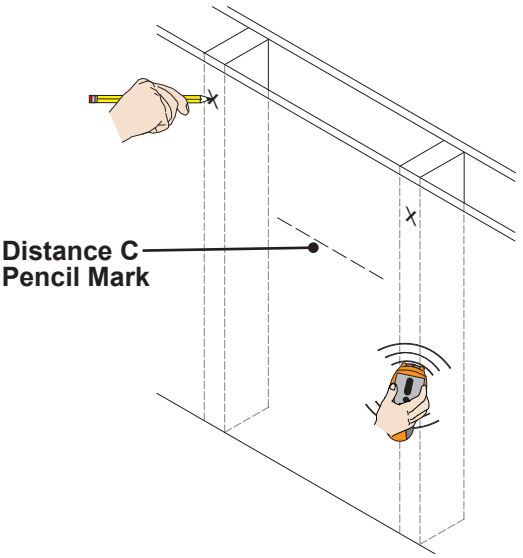


Wood Stud Installation

Step 1

You must secure the wall plate to two (2) wall studs using two (2) lag bolts; one (1) lag bolt anchored through each wall plate section for each stud found.

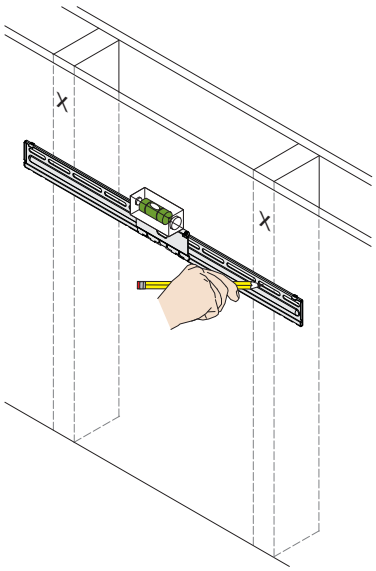
1. Use a stud finder to determine the exact center of wall studs in the vicinity of the wall plate.
2. Use a pencil to mark the exact center of each of the wall studs.



Step 2

Two people are recommended for this step; one person to level the wall plate and another person to mark the wall stud location.

1. Place the wall plate against the wall in the desired viewing location.
2. Align the bottom of the wall plate with the pencil mark you made for Distance C.
3. Adjust the wall plate to align the mount slots in the wall plate with the center of the wall studs.
4. Level the wall plate.
5. Use a pencil to mark the right-hand mounting location along the exact center of the wall stud.

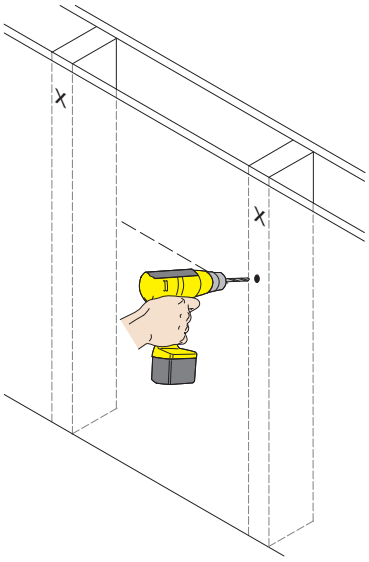


Installing the Wall Plate (cont'd)

Step 3

Drill a pilot hole in the center of the mark using a ¼″ drill bit and power drill.

Only use a ¼″ drill bit when drilling the pilot holes.



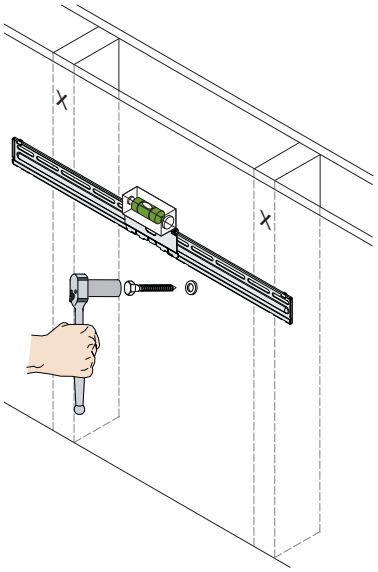
Pro Tip

Pilot Holes
When a screw is driven into a material, such as wood, it can act as a wedge, generating outward pressure which can cause many materials to split. Drilling a small pilot hole in the material into which the screw will be driven causes less 'wedging' to take place, thereby reducing the likelihood of the material being split. It also reduces the possibility of the screw head from being sheared off by torque

Step 4

1. Place the wall plate against the wall and align a mounting slot with the pilot hole.
2. Insert one (1) 5/16″ x 3″ lag bolt and one (1) 5/16″ washer into the pilot hole and tighten using a socket wrench and ½″ socket.

Do not overtighten the lag bolt.

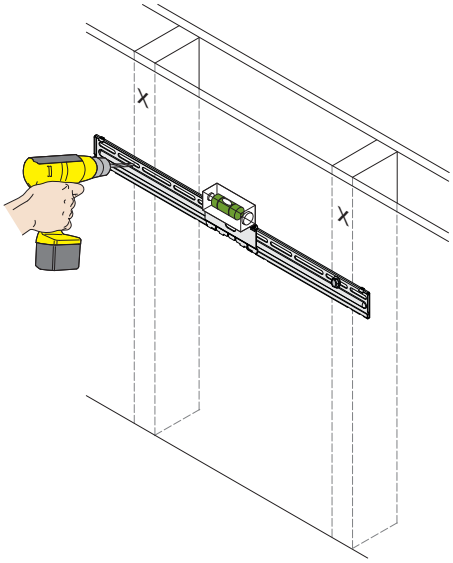


Step 5

Two people are recommended for this step; one person to level the wall plate and another person to drill the pilot holes.

1. Level the wall plate.
2. Drill a pilot hole in the exact center of the left-hand wall stud using a power drill and a ¼″ drill bit.

Only use ¼″ drill bit when drilling the pilot holes.



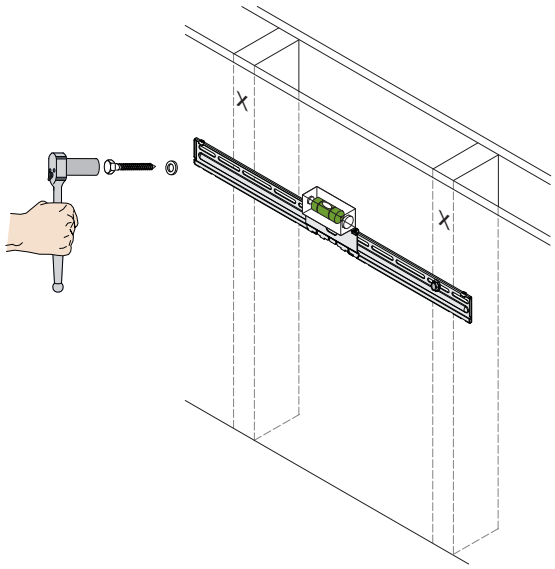
Installing the Wall Plate (cont'd)

Step 6

1. Insert one (1) 5/16″ x 3″ lag bolt and one (1) 5/16″ washer into the pilot hole
2. Tighten the lag bolt using a socket wrench and ½″ socket.

Do not overtighten the lag bolts when attaching the wall plate to the wall. Improper installation may result in personal injury or property damage.

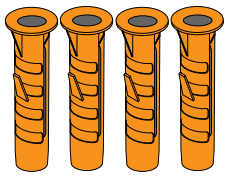
Proceed to the **"Mounting Hardware Installation"** section.



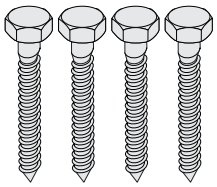
Concrete Installation

STOP The supplied 7/16″ plastic anchors and 5/16″ lag bolts must be used for concrete installation.

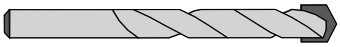
You will need a 7/16″ masonry drill bit, which is available at your closest hardware store.



7/16″ Plastic Anchors



5/16″ x 3″ Lag Bolts



Example of 7/16″ Masonry Drill Bit (Not Included)

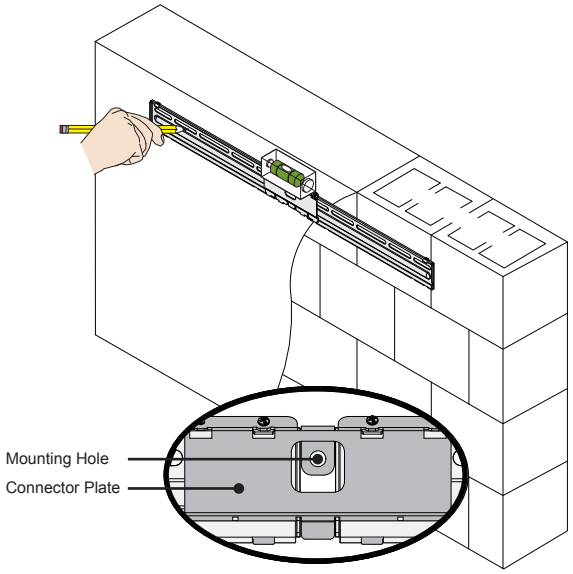
Step 1

Two people are recommended for this step; one person to level the wall plate and another person to mark the mounting locations.

1. Place the wall plate against the wall in the desired viewing location.
2. Align the bottom of the wall plate with the pencil mark you made for Distance C.
3. Level the wall plate.
4. Use a pencil and mark three (3) mounting locations where you will be drilling holes for the plastic anchors.

Use the mounting hole in the connector plate for the center mounting location.

5. Set the wall plate to one side in a safe location.

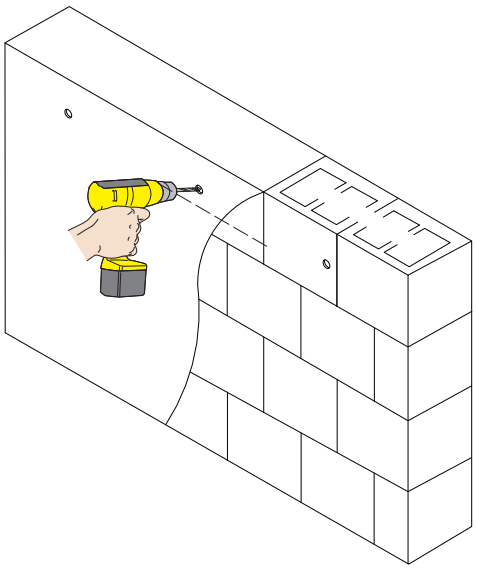


Installing the Wall Plate (cont'd)

Step 2

Do not drill into the mortar joints of cinder blocks. Only drill into a solid part of the cinder block.

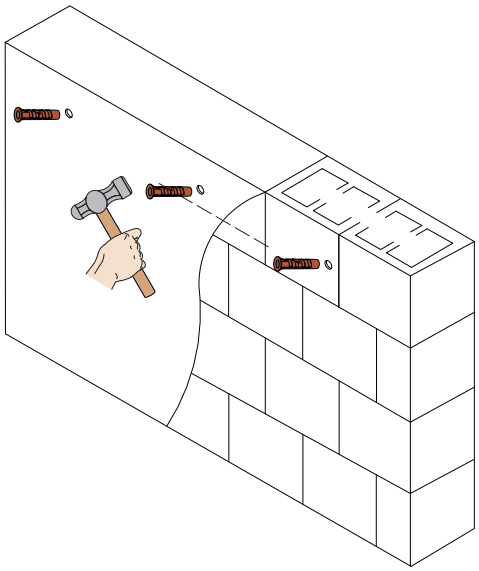
Use a power drill and 7/16″ masonry drill bit to drill a hole to a depth of 3¼″ at each of the marked mounting locations.



Step 3

Insert a plastic anchor into each hole.

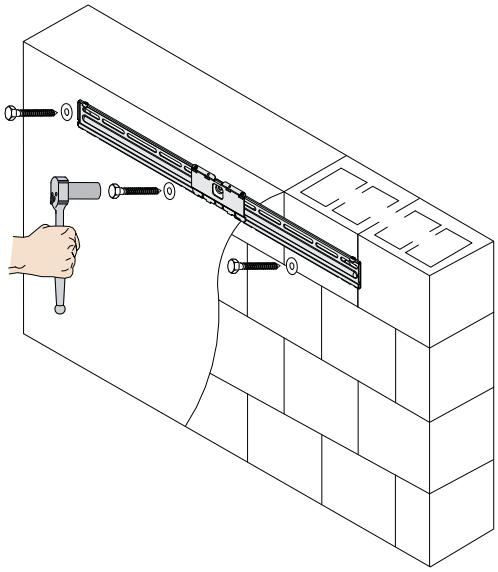
If necessary, lightly tap each plastic anchor into place with a hammer.



Step 4

1. Place the wall plate against the wall over the plastic anchors and align the mounting slots with the plastic anchors.
2. Insert and partially thread one (1) 5/16″ lag bolt and 5/16″ washer into each plastic anchor.
3. Level the wall plate.
4. Tighten all 5/16″ lag bolts.

Do not overtighten the 5/16″ lag bolts.

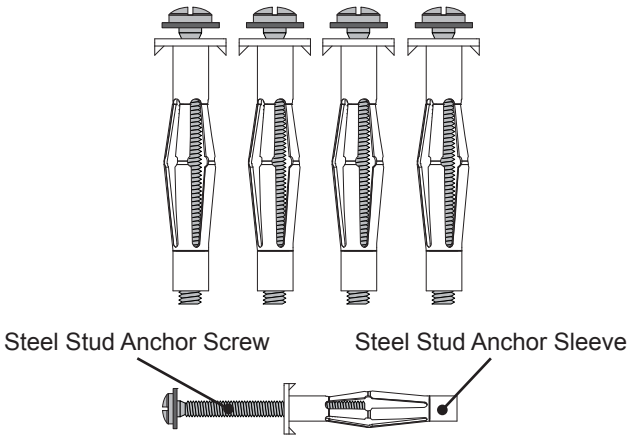


Proceed to the **"Installing the Mounting Bracket"** section.

Installing the Wall Plate (cont'd)

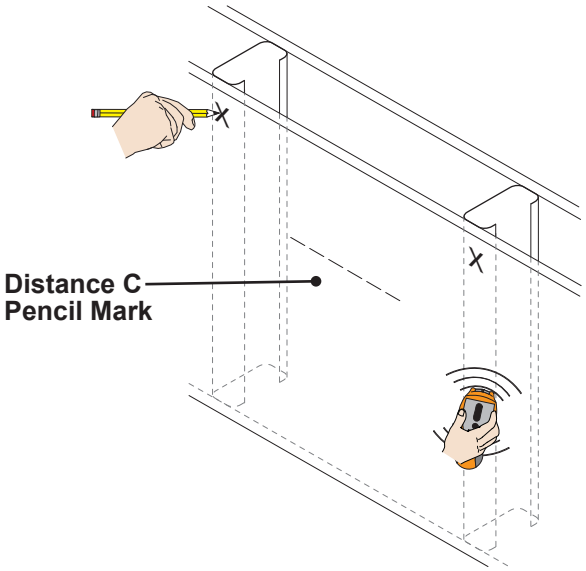
Steel Stud Installation

The supplied M6 steel stud anchors must be used to install your Premier Mounts' mount to steel studs. Do not use lag bolts or wood screws.



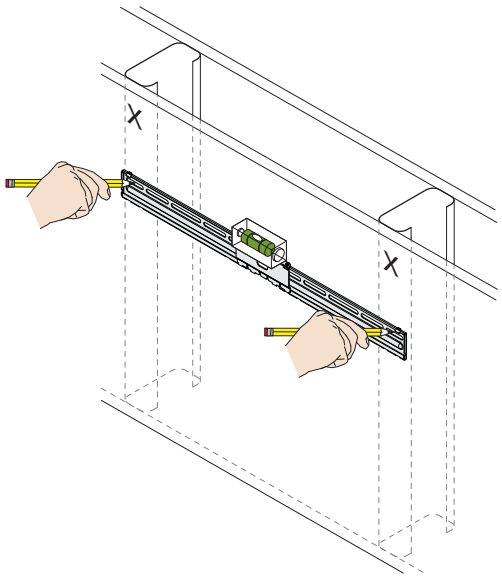
Step 1

1. Identify the general location on the wall where you will be mounting your flat panel.
2. Use a stud finder to determine the exact center of each steel stud in the vicinity of the mounting location.
3. Use a pencil and mark the exact center of each steel stud.



Step 2

1. Place the wall plate against the wall in the desired viewing location.
2. Align the bottom of the wall plate with the pencil mark you made for Distance C.
3. Adjust the wall plate to match the locations of the steel studs.
4. Level the wall plate.
5. Use a pencil and mark both right and left locations where you will be drilling holes for the steel stud anchors.
6. Set the wall plate to one side in a safe location.



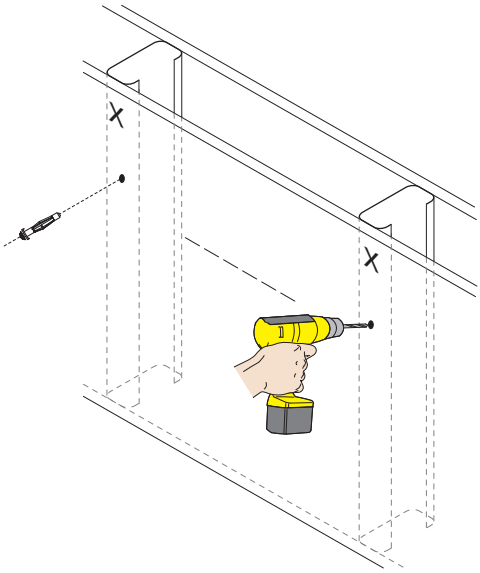
Installing the Wall Plate (cont'd)

Step 3

❶ Use a power drill and 7/16″ drill bit to drill a hole at each of the marks.

❷ Insert a steel stud anchor into each hole.

If necessary, lightly tap each steel stud anchor into place with a hammer.



Step 4

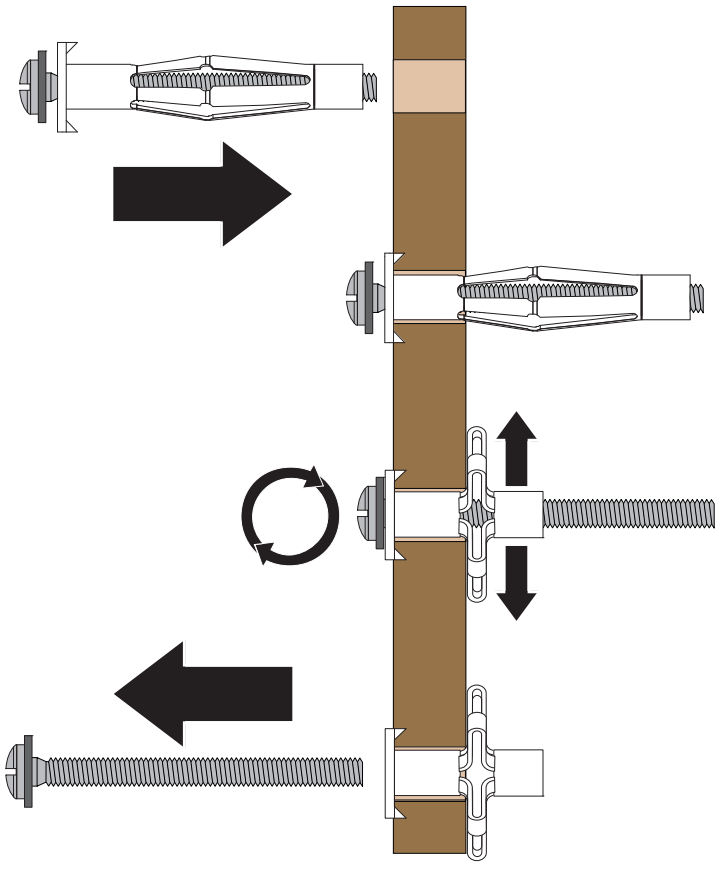
Use a Phillips screwdriver to tighten each steel stud anchor screw until the legs have completely compressed against the back of the steel stud.

The steel stud anchor screw will feel tight when you first begin to turn it until the legs begin to compress. The steel stud anchor screw will then turn easier for several turns. The steel stud anchor screw will again feel tight when the legs have completely compressed against the back of the drywall. Stop turning the steel stud anchor screw at that point.

Do not overtighten the steel stud anchor screw.

Remove the steel stud anchor screws and set them aside.

Steel stud anchors may come with small paper washers. You may leave them on the screw or discard them. These small paper washers do not replace standard 5/16″ washers.



Installing the Wall Plate (cont'd)

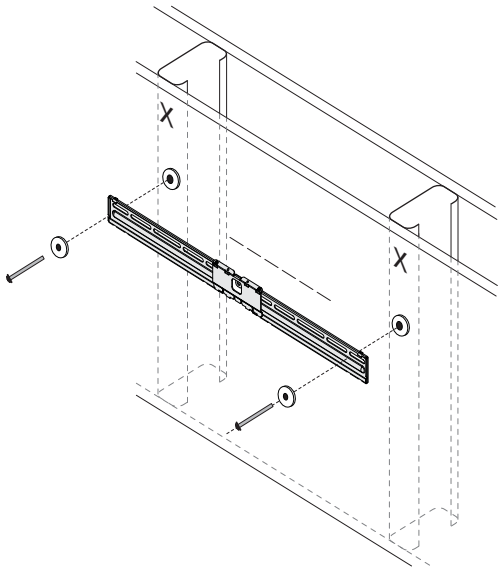
Step 5

1. Align the wall plate over the steel stud anchor sleeves.
2. Insert a steel stud anchor screw and a 5/16" washer into each steel stud anchor sleeve.
3. Use a Phillips screwdriver and tighten each steel stud anchor screw until it is just snug.

Do not overtighten the steel stud anchor screws.

Do not use a power drill to tighten the steel stud anchor screws.

Proceed to the **"Mounting Hardware Installation"** section.



Mounting Hardware Installation

Selecting the Mounting Hardware

1. Insert the Thread Depth Indicator into the thread inserts found on the back of your flat panel.
2. Use a pencil to mark the depth of the thread insert on the Thread Depth Indicator, as shown in Figure 1.
3. Insert the Thread Depth Indicator into the remaining thread inserts to compare and verify their depth.
4. Locate the correct diameter screw for the thread insert.

   If the screw you selected is longer than the mark on the Thread Depth Indicator, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

5. Test each size of the screws provided.

   The correct screws should thread easily into the mount point and not pull out when tension is applied.

Proceed to the **"Universal Washer Installation"** section.

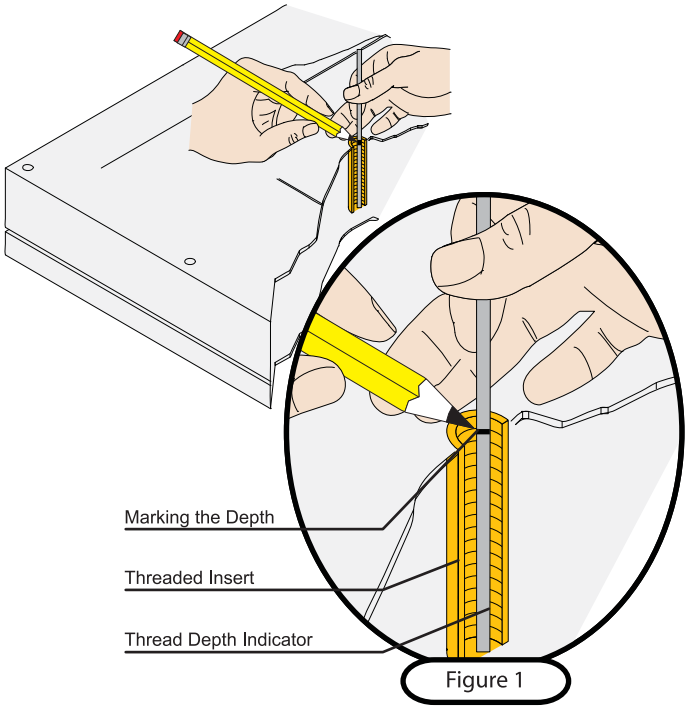


Figure 1

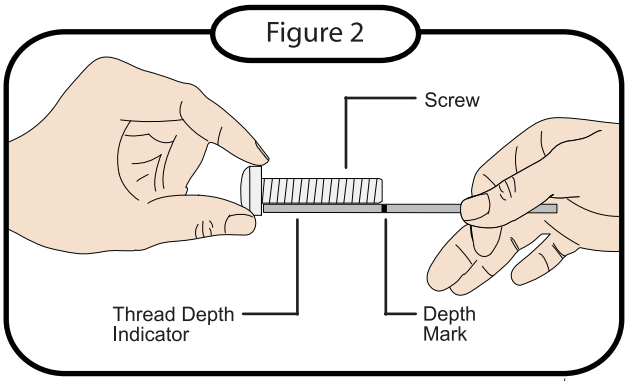


Figure 2

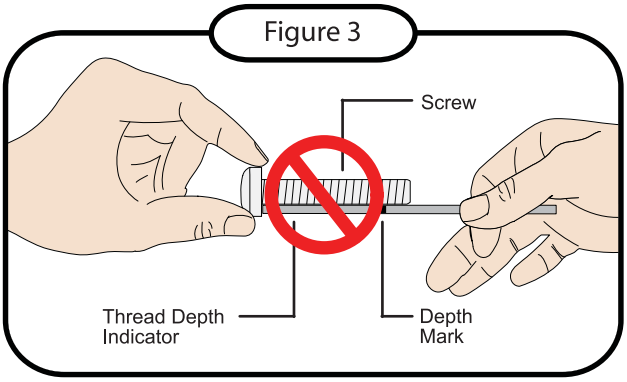


Figure 3

Mounting Hardware Installation (cont'd)

Universal Washer Installation

Premier Mounts' Universal Washers are designed to accommodate the various M4, M5, M6 and M8 hole sizes required by flat panels.

Do not place excessive pressure on the back of the flat panel, as this may damage your flat panel.

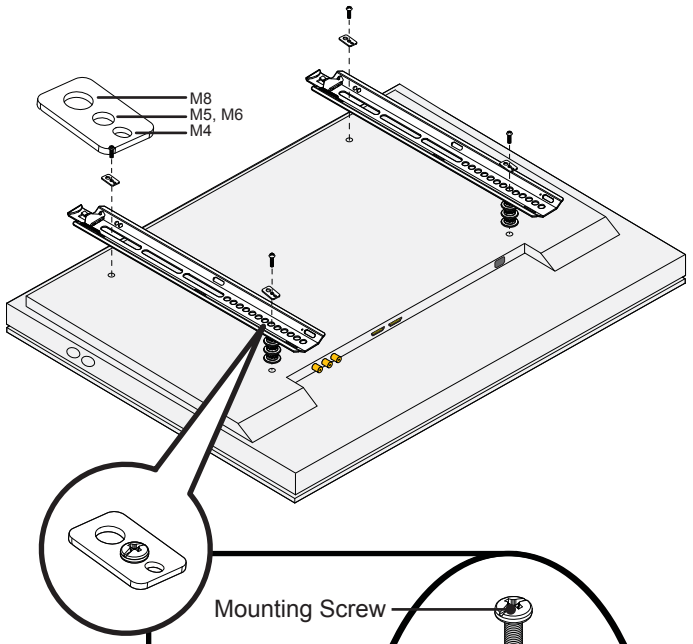
The Universal Washer must be installed between the head of the mounting screw and the mounting bracket as shown.

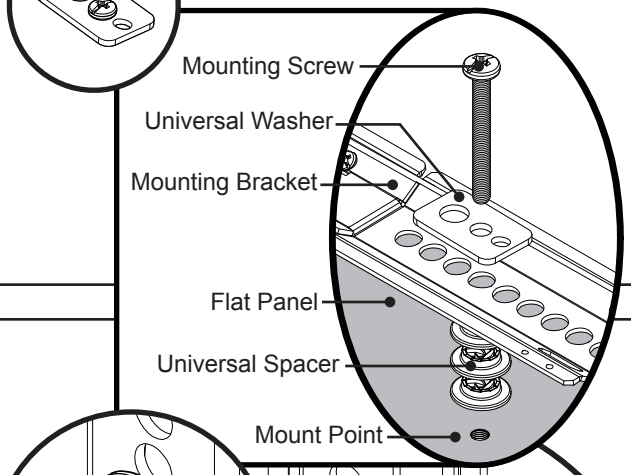
Does your flat panel have:

- Power or data connections which face the wall?
- Recessed mounting points?
- Uneven mounting points?
- A curved back?
- Any obstruction near the mounting point?

If **No**, skip to the **"Mounting Bracket Installation"** section.

If **Yes**, you must install Universal Spacers. Remove the mounting brackets, Universal Washers, and mounting screws from the back of the flat panel. Proceed to the **"Universal Spacer Installation"** section.





Universal Spacer Installation

Premier Mounts' Universal Spacers allow you to attach the mounting bracket to flat panels which have recessed or uneven mounting points. Each Universal Spacer adds ¼″ to the distance between the mounting bracket and your flat panel.

The Universal Spacers must be stacked and oriented as shown.

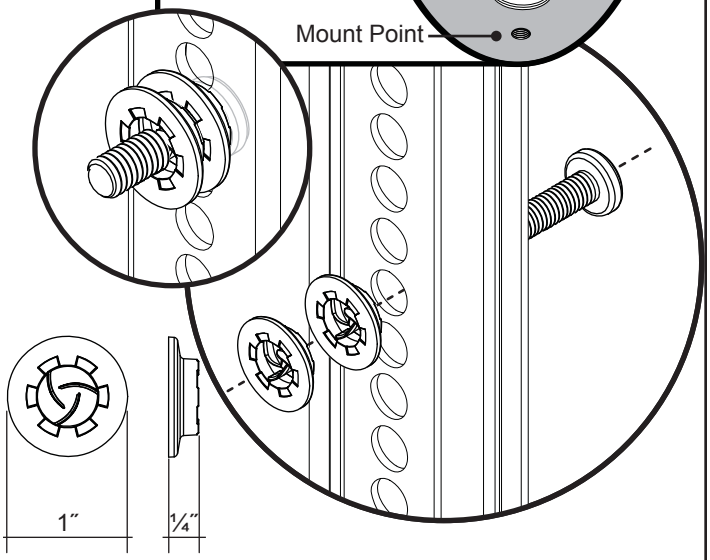
The Universal Spacers must only be installed between the mounting bracket and your flat panel.

The Universal Spacers will fit M4, M5, M6 and M8 screw sizes.

There must be sufficient space between your flat panel and the wall for power and data connections. If your flat panel has power or data connections which face the wall, you need to use either a sufficient number of Universal Spacers to allow connections to be made, or use the provided 90° HDMI connectors and cable.

Power or data connections which improperly force your flat panel away from the wall without the use of Universal Spacers or the supplied HDMI connectors will prevent safe installation of your flat panel.

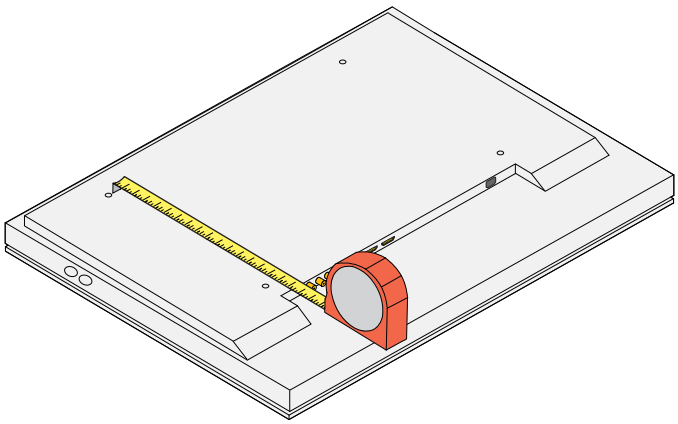
Proceed to the **"Mounting Bracket Installation"** section.



Mounting Bracket Installation

This section presumes that you have read and understood these sections:

- Selecting the Mounting Hardware
- Universal Washer Installation
- Universal Spacer Installation



? Use a tape measure to measure the distance between the top and bottom mounting points. Is the distance greater than 16"?

If **No,** skip to the **"Attaching the Mounting Bracket to the Flat Panel"** section.

If **Yes,** proceed to the **"Mounting Bracket Extension Installation"** section.

Mounting Bracket Extension Installation

If the vertical distance between the upper and lower mounting points on your flat panel is greater than 16", then you will need to attach the mounting bracket extensions to the mounting brackets.

Mounting bracket extensions add up to 9.75" to the length of the mounting bracket.

❶ Place your flat panel screen-side down on a soft, flat surface.

❷ Place the mounting brackets on top of the flat panel with an upper mounting point visible through an upper mounting slot.

❸ Place the mounting bracket extensions on the mounting bracket.

? Is the lower mounting point visible through one of the mounting holes?

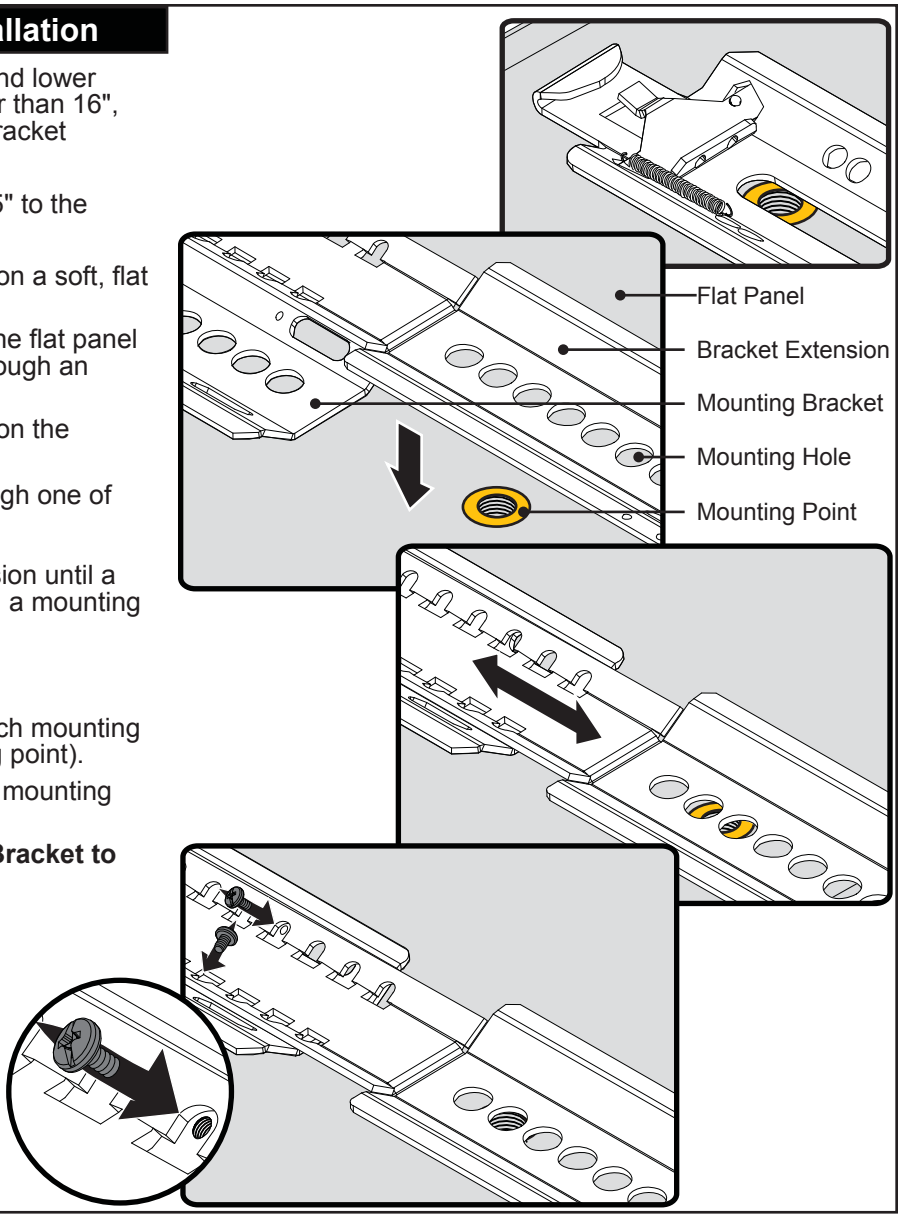
If **No**, slide the mounting bracket extension until a mounting point becomes visible through a mounting hole. Proceed to ❹.

If **Yes**, proceed to ❹.

❹ Insert two (2) M4 x 5mm screws into each mounting bracket extension (one (1) per mounting point).

❺ Repeat ❶ through ❹ for the remaining mounting bracket extension.

Proceed to the **"Attaching the Mounting Bracket to the Flat Panel"** section.



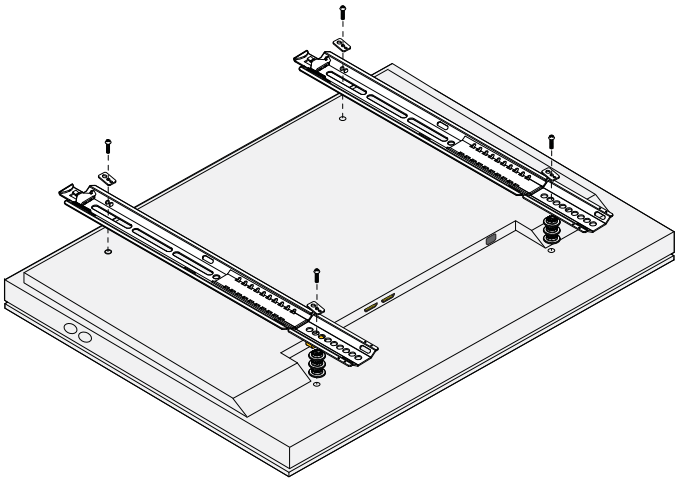
Installing the Mounting Bracket (cont'd)

Attaching the Mounting Bracket to the Flat Panel

1. Place your flat panel screen-side down on a soft, flat surface.
2. Identify the number and location of the thread inserts on the back of your flat panel.
3. Aligning the holes on each mounting bracket with the thread inserts on the back of your flat panel.
4. Secure each mounting bracket to your flat panel by inserting a minimum of two (2) screws per bracket.

Do not overtighten the mounting hardware.

Proceed to the **"Attaching the Flat Panel to the Wall Plate"** section.



Attaching the Flat Panel to the Wall Plate

Two people are required for this step.

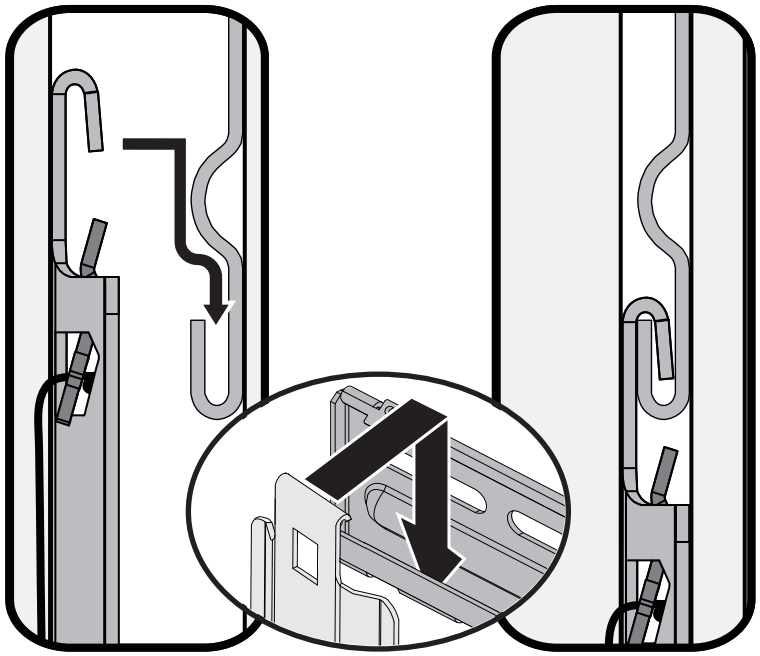
When mounting the flat panel to the wall plate, the flat panel must be completely parallel to the wall for correct engagement of the mounting brackets.

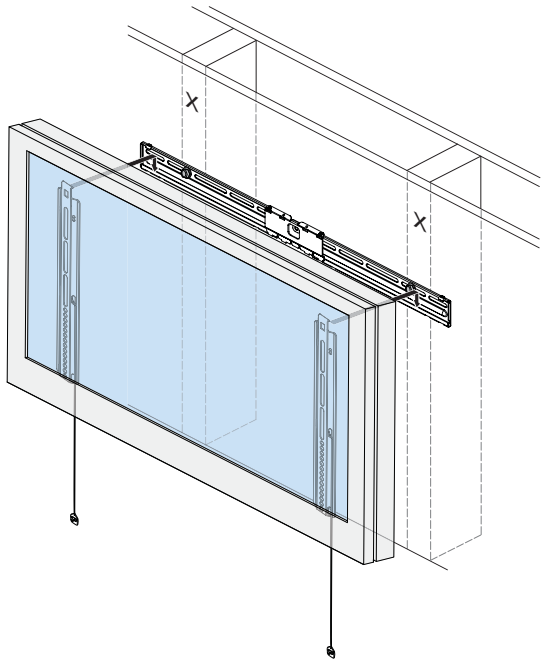
1. Lift the flat panel, keeping the flat panel parallel to the wall.
2. Place the back of the mounting brackets against the front of the wall plate.
3. Slide the flat panel downward while keeping the mounting brackets pressed against the wall plate.
4. Engage the mounting hooks of the mounting brackets onto the wall plate.

You will hear an audible "click" as the spring-loaded securing latches lock the mounting brackets to the wall plate.

5. Gently push the flat panel to the wall.
6. Adjust and cut the braided nylon pull cord and secure the pull tab. The pull tab should extend no less than 1" from the bottom of the mounting bracket.

STOP Do not release the flat panel until <u>both</u> mounting hooks of the mounting brackets are secure on the wall plate.





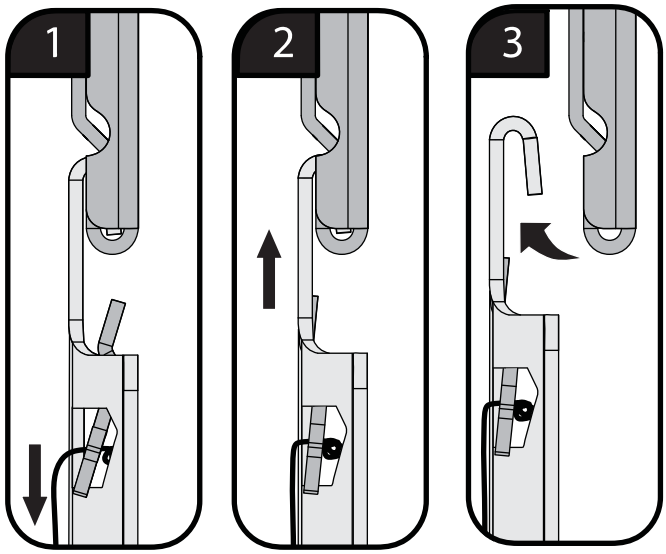
Attaching the Flat Panel to the Wall Plate (cont'd)

Removing the Flat Panel

Two people are required for this step. The steps below must be performed at the same time by both people.

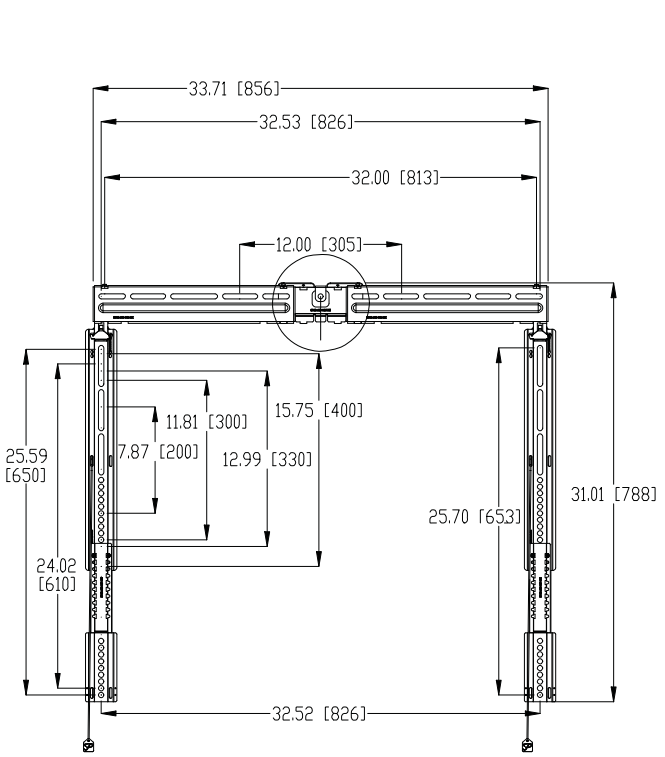
The braided nylon pull cord must be engaged and held throughout the flat panel removal process.

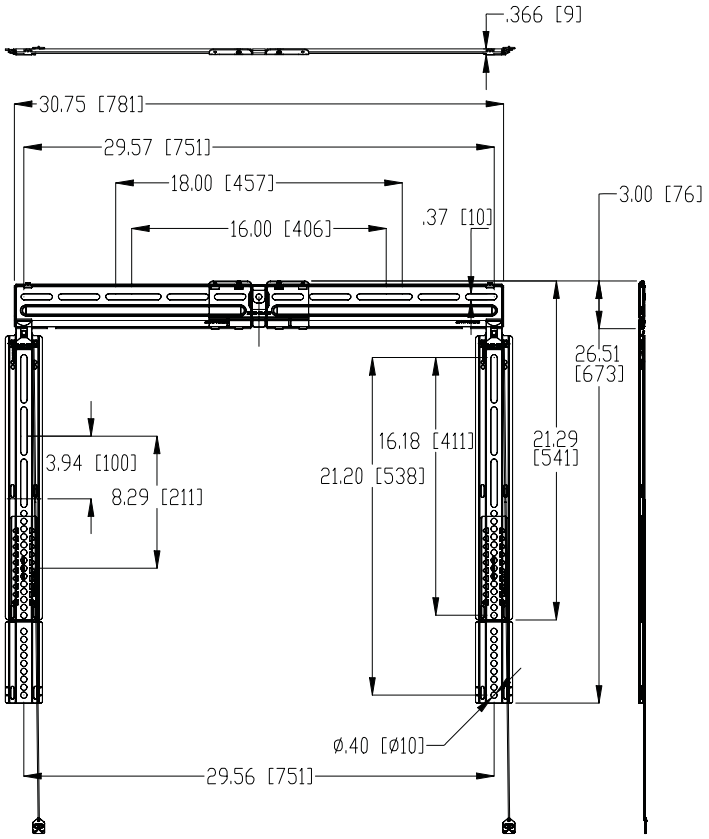
1. Gently pull down on both braided nylon pull cords.
2. While still pulling down on both braided nylon pull cords, lift the flat panel up.
3. While still pulling down on both braided nylon pull cords, move the flat panel away from the wall.
4. Release both braided nylon pull cords and gently set your flat panel on a safe, flat, soft surface.



Technical Specifications

All measurements are in inches [millimeters].





Warranty

PREMIER MOUNTS
LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Warranty and for How Long
Premier Mounts warrants this product to be free from defects in material and workmanship for the lifetime of the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What Premier Mounts Will Do
At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations
PREMIER MOUNTS DISCLAIMS ANY LIABILITY FOR DAMAGE TO MOUNTS, ADAPTERS, DISPLAYS, PROJECTORS, OTHER PROPERTY, OR PERSONAL INJURY RESULTING, IN WHOLE OR IN PART, FROM IMPROPER INSTALLATION, MODIFICATION, USE OR MISUSE OF ITS PRODUCTS.

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What Customers Must Do for Limited Warranty Service
If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-368-9700. Warranty claims will not be accepted over the phone or by fax.

Premier Mounts
Attn: Warranty Claim
3130 East Miraloma Ave.
Anaheim, CA 92806

How State Law Applies
THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Disclaimer

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